

Amendments to the Claims

This listing of claims will replace all prior versions and listings of the claims in the subject application:

Claims 1-8 (Canceled)

9. (Currently amended) A convection oven comprising:

a cooking chamber;

a blower plenum in communication with the cooking chamber;

heating means for heating said cooking chamber disposed within said blower plenum, said heating means comprising switching means for switching between direct and indirect heating of said cooking chamber;

an adjustable airflow control surface disposed within the cooking chamber;

an actuator suitable for adjusting the adjustable airflow control surface operably connected to the adjustable airflow control surface; and

a first reversible blower wheel mounted within the blower plenum, the first reversible blower wheel creating multiple airflow patterns during a baking cycle.

10. (Original) The convection oven of Claim 9 further comprising a second reversible blower wheel mounted within the blower plenum.

Serial No.: 09/893,327

11. (Original) The convection oven of Claim 10 wherein the first reversible blower wheel rotates at a speed different from a speed at which the second reversible blower wheel rotates.

12. (Original) The convection oven of Claim 10 wherein the first reversible blower wheel rotates in a direction different from a direction in which the second reversible blower wheel rotates.

13. (Currently amended) The convection oven of Claim 9, wherein ~~further comprising:~~ said heating means comprises a gas combustion system mounted with respect to the blower plenum, the gas combustion system generating combustion products; a heat exchange element mounted within the blower plenum and connected to the gas combustion system; a header connected to the heat exchange element, the header in communication with the gas combustion system; and an inducer connected to the header, the inducer having a valve moveable between an open position and a closed position, whereby said combustion products are one of conveyed into said cooking chamber and exhausted from said convection oven.

Serial No.: 09/893,327

14. (Original) The convection oven of Claim 13 wherein the first reversible blower wheel and a second reversible blower wheel are mounted adjacent the heat exchange element.

15. (Currently amended) The convection oven of Claim 13 wherein the heat exchange element comprises a plurality of heat exchange tubes, each heat exchange tube of the plurality of heat exchange tubes ~~has~~ having a baffle within at least a portion of a volume of the heat exchange tube.

16. (Currently amended) A method for creating multiple heated airflow patterns within a cooking chamber during a cooking cycle, comprising the steps of:

heating an air supply in a blower plenum adjacent said cooking chamber and having at least one reversible blower wheel mounted within the blower plenum, said blower being in fluid communication with said cooking chamber;

creating a first airflow pattern within a cooking chamber;

actuating an adjustable airflow control surface to create a second airflow pattern within the cooking chamber; and

Serial No.: 09/893,327

switching between the first airflow pattern and the second airflow pattern during a baking cycle.

Serial No.: 09/893,327

Amendments to the Drawings

The attached sheet of drawings contains changes to Fig. 3. This sheet replaces the original sheet containing Fig. 3. In Fig. 3, a previously omitted element, valve 48, has been added.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes in Red